

### **Abstract**

A mixing apparatus is disclosed for mixing and discharging livestock feed. The mixer includes a container for the reception of feed, with a floor, and a wall extending away from the floor such that substantially all of the wall is disposed above the floor. The wall and floor define an enclosure for the feed received through the top opening. An auger is disposed within the enclosure, and the auger has an axis of rotation extending substantially vertically through the floor. The auger also includes an upper core which is not concentric with the axis of rotation, so that the flighting and attached knives are closer to the enclosure during one portion of the auger rotation.